

So. Tac. Field  
Site File 3.11.2.  
A.R. need section  
on RI/FS data

# Surface Soils Only

RECEIVED  
FEB 12 1992  
EPA/RCRA BRANCH

RANGE OF CONCENTRATIONS DETECTED  
FOR THE CHEMICALS OF CONCERN  
AT SOUTH TACOMA FIELD SITE (mg/kg)

CHEMICAL	SWAMP	AIRPORT	DISMANTLING YARD	RAILYARD	TIP	AMSTED
Aluminum		8,770 - 26,600	1,350 - 104,000			9,240 - 27,500
Antimony			4.1U (5.1) - 46.6	4.1U (4.6) - 491		8.4U (4.9) - 43.7
Arsenic	0.73 - 54.4	2.9 - 50.1	2.5 - 696	1.8 - 395		6.1 - 389
Beryllium	0.13 - 1		0.18U (0.21) - 14.4	0.2U (0.21) - 2.7		0.25U (0.53) - 4.4
Cadmium	0.21 - 12.1	0.41U (0.53) - 4	0.39 - 29.9	0.41U (0.45) - 22.6		0.24U (0.35) - 13.4
Chromium III	< 0.0001 - 371	< 0.0001 - 60	< 0.0001 - 127	< 0.0001 - 107		< 0.0001 - 61.1
Chromium VI	< 0.0001	< 0.0001 - 2.4	< 0.0001	< 0.0001		< 0.0001
Chromium, total	14.3 - 501	10.2 - 94.1	2.9 - 707	2.9 - 282		21 - 130
Cobalt	2.2 - 21.2	5.2 - 17.7	2.4 - 135.0	1.4U (2) - 37.4	7 - 18.2	5.5 - 20.7
Copper			7.2 - 11,000	11.7 - 13,000		42.2 - 163,000
Lead		6.6 - 1,160	18.1 - 24,000	11.2 - 27,100		32.8U (49.3) - 118,000
Manganese						202 - 21,800
Mercury		0.03U (0.11) - 0.75	0.0085 - 5.3	0.01U (0.11) - 3.7		0.04 - 4.3
Zinc			35.3 - 24,200			49.5 - 61,600
PCBs			0.083U (0.2) - 9.0	0.17U (0.17) - 42.0		
PAHs <sup>a</sup> (carcinogenic)	0.01 - 8.9	0.01 - 3.1	0.01 - 9.9	0.01 - 6.8 <sup>b</sup>	0.01U (0.022) - 2.9	0.01 - 2.2 <sup>c</sup>

<sup>a</sup> Results based on analysis of PAH data file for surface soils. Except where footnoted, PAH data in Semivolatile file falls within this range.

<sup>b</sup> Highest detected value from PAH analysis in Semivolatile file is 20 mg/kg.

<sup>c</sup> Highest detected value from PAH analysis in Semivolatile file is 3.4 mg/kg.

3.7.1- 1021221

So. Tac. Field 3.7.1  
 Site File 3.11.3  
 A.R. need section  
 on RI/FS data  
 3.9.1

# Surface Soils Only

RECEIVED  
 FEB 12 1982  
 WASHINGTON STATE DEPARTMENT OF  
 ENVIRONMENT  
 TOXIC SUBSTANCES DIVISION  
 PORTLAND BRANCH

RANGE OF CONCENTRATIONS DETECTED  
 FOR THE CHEMICALS OF CONCERN  
 AT SOUTH TACOMA FIELD SITE (mg/kg)

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